

DEC STD 100-2 Purchase Specification ECOs

DOCUMENT IDENTIFIER: A-DS-EL00100-02-0000 Rev B, 26-Jun-1991

ABSTRACT: This section of DEC STD 100 describes the policy and procedure for making changes to purchase specifications. It also specifies the responsibilities assigned to the various individuals and organizations involved in the purchase specification ECO process.

APPLICABILITY: This standard applies to any individual or organization within Digital involved in the purchase specification ECO process.

STATUS: APPROVED 26-Jun-1991; use VTX SMC for current status.

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Use \$ VTX ELF for the latest location information.

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1 INTRODUCTION

Engineering Change Orders (ECOs) to Purchase Specifications (PSs) are processed by the Central Specification Control Systems (CSCS) and other groups described in this procedure.

1.1 PURPOSE

This subhead defines the required characteristics of ECOs used to change PSs. It describes the overall flow (internal as well as external to CSCS) of the PS ECO process.

1.2 SCOPE

This document is arranged in two parts. The first part is introductory material that shows the purpose and scope of the document. It also cites the responsibilities of organizations and individuals participating in the ECO process. The second part develops the introductory material and details the procedure for PS ECOs.

1.3 RESPONSIBILITIES

The following subheads define responsibilities of organizations and individuals participating in the ECO process.

1.3.1 Central Specification Control Systems

CSCS is responsible for changing this procedure as the need for improvements arises.

1.3.1.1 ECO Coordinator

All administrative functions performed for a PS ECO are handled by an ECO coordinator. These functions include:

- Logging
- Tracking to completion
- Obtaining proper signatures
- Reviewing mark-ups against the ECO to ensure consistency and accuracy
- Checking revision levels against existing data bases
- Writing/rewriting the ECO
- Ensuring that the ECO is in conformance with applicable Digital Standards
- Expediting ECO activities
- Other activities as shown in Appendix A.

1.3.1.2 ECR Originator

Engineering Change Requests (ECR) are used in some groups to identify suggested improvements and/or problem resolutions that may result in changes to PSs. Much of the analysis needed to determine if the request should become an ECO is performed at this point, including impact studies. The ECR must be presented at the next Engineering Review Board (ERB) if one is available in that organization; if not, the ECR goes to the ECO coordinator, for approval. This procedure often reduces formal ECO processing time and minimizes the need for changes, supplements, and so forth.

1.3.1.3 ECO Originator

The originator of a proposed ECO to a PS is responsible for filling out the applicable information on the ECO form. It is important to make a clear and concise statement of the problem that prompted the ECO, plus a suggested solution. If the ECO is approved for implementation, the originator will review and approve the solution that has been developed by all affected parties.

1.3.2 Component Engineering

Component Engineering is responsible for performing the analysis and actions described herein, and for recommending changes to the procedure as the need arises.

1.3.2.1 Component Engineer

The component engineer (CE) is responsible for the technical evaluation of the ECO change(s) and for recommending changes to the procedure as warranted. The CE responsible for the item being ECOed decides whether the proposed ECO would affect documentation only, or would affect the part itself, according to the definitions in Appendix E.

If the ECO is a part change then all the project engineers who use that part must be notified.

Any signatory engineer can approve an ECO. Signatory authority is defined in *DEC STD 156-0 Introducing New Purchased Parts and Maintaining Purchased Parts Information: Standard Procedures*. If the signatory engineer who approves the ECO is not the original signatory engineer, then the new CE will be listed on Page 1 of the specification under, "Document Revision History, CE". The new CE will notify the original CE of the change and provide copies of that documentation.

Based on the estimates of the ECOs impact on the operation, the CE will develop a solution to which all parties can agree. If no agreement can be reached, the CE will reject the ECO and notify the ECO coordinator of the disapproval and the reason(s) for it.

The CE must identify the new part revision level in accordance with *DEC STD 012-0 Part Identification Standard*.

If approved, the CE must determine stock disposition and cost impact. The CE will also inform the supplier about proposed and approved ECOs, and ascertain that the supplier can implement any changes.

1.3.3 Design Engineer

Responsibility for a purchased part stays with the design engineer (DE) who initiated the Part Number Request Form (PNRF) and the PS. The DE will work in conjunction with the CE to resolve any outstanding issues. That engineer (or successor) will evaluate the proposed ECO and approve, modify, or reject it, and notify the ECO coordinator.

1.3.3.1 Responsible Engineer

A responsible engineer (RE) is assigned when the original DE, for any reason, no longer wishes to be responsible for the specification. A RE is then added or changed on page 1 of the PS. The original DE name remains on page 1 of the specification as well. The RE assumes the DE responsibilities as outlined in *DEC STD 100-0 Policy and Requirements for the Product Change Process*, including approving all subsequent ECOs to that document.

An ECO will be used to add or change the RE field. When an ECO is added or changed the RE, the previous and the incoming DE/RE must both sign that ECO. If an individual is no longer with the company, only the incoming RE need to sign. The original DE name will never change.

1.3.4 Safety Engineer

The safety engineer is responsible for approving all safety ECOs.

1.3.5 Updating SPOC (SPecifications On Computer)

Every group working PS ECOs should have at least one employee with an account on SPOC. See Ordering Information in Appendix F for obtaining a SPOC User's Manual and who to contact for account information. Each organization is responsible for updating the SPOC data base with the latest PS information that includes text and graphics, derived from the ECO, within one week of completion.

2 THE PURCHASE SPECIFICATION ECO PROCESS

The text under the following subhead describes the PS ECO process.

2.1 ECO ACTIVITIES

The ECO coordinator(s) shall use a process for accepting, transferring, monitoring and releasing an ECO. A flowchart of ECO activities is shown in Appendix A. An originator initiates an ECO by requesting a change to a PS. The ECO coordinator will determine ownership and perform initial evaluations before forwarding the ECO to both the DE and CE. Both the DE and CE will perform evaluations. The DE responsibility is to determine design impact. The DE will provide a signed approval or disapproval. The CE responsibility is technical evaluation, and ensures the content of the impact statement is accurate. The CE group that provides that information is generally the requesting CE group, not necessarily the specification owner CE. If the request impacts the part itself, CE informs all project engineers whose product uses the part, and requests feedback. Any user-related problems are resolved at this point.

Until the CE has approved, the ECO is only a request. Once approved either in hardcopy form or electronically the CE approval affirms that all problems have been resolved and the request then becomes a preliminary ECO.

An example of a typical ECO form for a PS is shown in Appendix B. Responsibility for filling in the various sections of the form belongs to different parties. The following procedure specifies those responsibilities. Appendix C is an example of a typical ECO continuation sheet, used for the specific details of a document or part change.

2.1.1 Origination

1. The originator of an ECO supplies originating information.
2. The originator must supply a clear and concise statement of the problem.
3. The originator must provide a proposed correction to the problem.
4. The originator shall provide the proposed Break-In/Effectivity description.

2.1.2 Design Engineer's Review

1. The DE evaluates the ECO in light of probable technical and financial impact. The engineer also refers to *DEC STD 060-0 Design of Hardware Products to National and International Regulations and Standards, Policies and Procedures* for additional considerations. The DE can approve, modify, or reject the ECO, depending upon cost/benefit analysis.
2. The DE sends ECO approval to the ECO coordinator. The DE returns a rejected ECO to the ECO coordinator, with reasons for the rejection.

2.1.3 Component Engineer's Review

The CE analyzes the ECO to see if the changes would affect the part itself. (Refer to DEC STD 012-0 for help in this analysis.) Then that engineer refers to DEC STD 060-0 for additional considerations. If the ECO changes do affect the part, the supplier of the part will be notified of the ECO in process. Contacting the supplier is *REQUIRED* in order to prevent problems, and to ascertain whether they can comply with the ECO.

If, however, the ECO does affect the part, the CE's task is more extensive.

1. If the ECO affects the part, the CE must determine the project engineers for all the products that use the part being ECOed. There are several sources of this information, including the Automatic Part and Product Information Exchange (APPIX) and the Option/Module List.
2. Once the project engineers have been identified, the CE informs them about the proposed ECO and asks them if it would adversely affect their operation.
3. Any feedback from the project engineers that indicates potential problems must be negotiated and resolved between the project and CEs. If no agreement can be reached, the CE will reject the ECO and notify the ECO coordinator with the reason.
4. If the ECO is to add or to reactivate a part number variation, the ECO must be accompanied by a completed Part Number Request Form (PNRF).
5. The CE must determine the stock disposition and the cost impact.
6. For ECOs that change a part, the following information must be considered and provided by the CE:
 - Supplier tooling impact?
 - Phase-in date/serial number?
 - Obtain agreement with suppliers
 - Determine if requalification is necessary?
 - Determine cost impact, inventory and scrap?

- Can supplier meet demand?
- Do we need to do application testing?
- Safety issue?
- Future purchase order (PO) impact?
- Existing purchase order impact?
- Work in process (WIP) impact?
- Existing stock impact?

The above information may be located by accessing sources described under Ordering Information in Appendix F.

7. When the ECO is acceptable to all users, the CE is required to contact the supplier(s) of the part to inform the supplier(s) of the pending ECO.
8. The CE approves the ECO which indicates that it is no longer a request and that all problems have been resolved.

2.1.4 Preliminary ECO Process

The preliminary ECO process is conducted by the ECO coordinator. It consists of the following steps:

1. Make sure that the ECO is written for the correct document and revision number.
2. Copies of the specification will be used until it is known what the final form of both ECO and specification will be.
3. At this point, the technical writer, if one is available, reviews the ECO. Any problems must be resolved. If the resolution will take more than one day, the writer will inform the ECO coordinator. When there are no problems, the ECO and specification are returned to the ECO coordinator for preliminary issue.
4. If the ECO is to add or to reactivate a variation, the ECO must be accompanied by a completed PNR.
5. If the ECOed document is owned by another group, the ECO coordinator has two options: A) request ownership of the document, B) get approval signatures and forward to appropriate group.
 - A. Requesting ownership may be transferred as specified in *DEC STD 055-0 Requirements for Purchase Specifications*.
 - B. ECO Transfer:
 - ECO is ready for publication on Purchase Specification ECO Notification (PSEN) (approvals/break-in/supporting document completed).
 - Sending group should specify when it requires ECO to be final issued.
 - If changes need to be made to the ECO, the receiving group must notify the sending group and get its approval.
 - Receiving group must not recreate the ECO. If the ECO is not usable, the ECO should be returned to the sender.
 - A block should be added for the second ECO coordinator name.
 - Hard copy markup attachments are acceptable and must be transferred.

- Validation signatures must be sent with the ECO by network or hard copy.
 - Electronic signatures should include first and last name.
 - Receiving group shall predict when specification will be ready for final issue.
 - No hard copy ECO transfers are acceptable, except marked drawings.
6. An ECO is always required to reactivate any part number. The group initiating the reactivation of an inactivated part number must supply:
- An ECO. The ECO shall show the new part revision as it was prior to being inactivated.
 - A PNRF. This may be either a marked-up copy of the original PNRF or a newly completed PNRF. In either case, the PNRF must include all of the part information, such as name of the requester, current part description, group owner (part), answers to the part rating questions, current supplier status, and the dated signature of a CE currently authorized for that Functional Class Description (FCD).
 - The ECO will be processed through the regular routing process; CSCS will reactivate the part number upon the receipt of the First Issue ECO.

2.1.5 Full ECO Process

During this activity the ECO coordinator will:

1. Update the ECO original, making the changes that have developed on the copy of the ECO. Any changes must be coordinated with the originator, DE, and CE.
2. Assign an ECO number. Use the PS number and follow it by the next consecutive 5-digit number. The previous ECO number to that PS is obtained from CSCS files. A typical ECO number would be 1213456-00003.

Another category of ECO numbers is used for miscellaneous changes. If more than one PS is being changed by an ECO, the next sequential Miscellaneous Purchase specification (MIPS) ECO number, such as MIPS-00122, will be assigned. Other considerations for MIPS are:

- a. CSCS (NRO5/M2) assigns MIPS numbers.
 - b. All changes must have the same DE and CE.
 - c. No more than 10 specifications can be done on a MIPS ECO.
 - d. Part change ECOs cannot be combined on MIPS ECOs unless they are 2-page inactivations, and the following conditions are met:
 - No Used-On in APPIX
 - No product development
 - No replacement exists
3. Search out all usages of the ECOed part(s). This search is conducted using the USED command feature of APPIX. For help in using this system, refer to the APPIX User's Manual.

4. With information from the APPIX search, supply the following information:

Unit(s) to be changed: Document Change and corresponding document number or Part Change with corresponding part number.

Product families affected: This will most often be answered with the word NONE, even if Where Used has options listed. This is because most PS ECOs will not affect the product family itself, since most change orders are for documentation only. If the ECO were to be in a different category such as type 1 (Safety), there would be an impact on product families.

ECO type code: Document Change or Part Change.

Category: Purchase Specification.

Electromagnetic compatibility (EMC): (FTZ, FCC, DE, and so forth): DE shall provide as applicable.

Where Used: Provide with information from APPIX search.

The other information is not affected:

FS Affected
FCO Required
LOW Code

5. Verify the charge number. If part scrap or rework for Manufacturing is necessary (as determined by the CE), an ECO implementation/cost summary and expiration date or dollar limit will be required.

2.1.6 Weekly Purchase Specification ECO Notification

A VAX Notes TM Conference was created and made available April 1990 for posting weekly PS ECO information. It is an on-line central repository for all PS ECO information. The conference provides a roll-up showing ECOs that are preliminary, first issue, and final issue. Refer to Appendix D for a sample of this weekly notification. Please refer to Ordering Information in Appendix F for instructions on accessing VAX Notes Conferences on the Digital network.

The sequence of events for the weekly message is the following procedure:

1. Preliminary Issue
2. Allow five working days for responses to the Preliminary Issue.
3. If no changes are requested after that time, publish First Issue and send the ECO to the responsible technical writer. If there are changes requested, the ECO coordinator and the CE decide whether the changes are significant enough to warrant a supplement.
4. Send a copy of the ECO to the Microfiche Systems Group. This group processes the ECO copy for notification to microfiche machines on that network.

TM VAX Notes is a Digital trademark

5. Deliver a copy of the First Issue ECO to Corporate Micrographics. They will reproduce the ECO on microfilm aperture cards and distribute these cards with a notice to selected groups.
6. Send a copy of the First Issue ECO to the supplier(s) noted on the Qualified Vendor Listing (QVL) for the part.
7. If a supplement is required, mark up a copy of the ECO and contact the ECO originator, DE, and CE. In many cases, the changes may be minor. If so, the information may be transmitted and approved by electronic mail to expedite the ECO.
If a supplement is not required, send the ECO to the appropriate technical writer.

2.1.7 Purchase Specification Revision

1. The PS is revised to reflect the ECO, including any of the original drawings.
2. The ECO coordinator either calls or mails the revised specification to the ECO originator to review and approve the ECO.

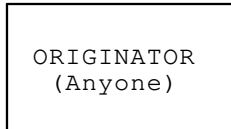
2.1.8 Final Issue ECO

When the Final Issue ECO has been approved by the originator, the document is considered Final Issued, and the following activities take place:

1. The specification should show the approval date. The Final Issue date is a Friday, always after the approval date.
2. The ECO coordinator forwards the approved revised PS to Microfiche Systems for distribution by the microfiche machine.
3. A copy of the approved PS revision and all applicable documents not yet sent to the supplier are now mailed to the supplier(s).
4. The PS and ECO face sheet are sent to Corporate Micrographics for microfilming and distribution of the aperture cards according to *DEC STD 033-0 Microfilm Aperture Cards - Creation and Distribution Process*.
5. When the PS and ECO face sheet are returned, the CSCS coordinator will file them in the CSCS Archive files.

APPENDIX A ECO PROCESS - AS APPROVED BY THE CEBOD 10/89

ECO PROCESS



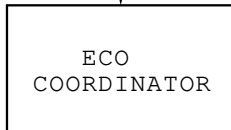
ORIGINATOR
(Anyone)

Originator may provide as:

- . Phone call defining required changes
- . Electronic mail message with required changes
- . Marked-up specification
- . Handwritten ECO
- . Completed hard copy ECO
- . Completed electronic ECO
- . Suggested solution.

Originator must provide:

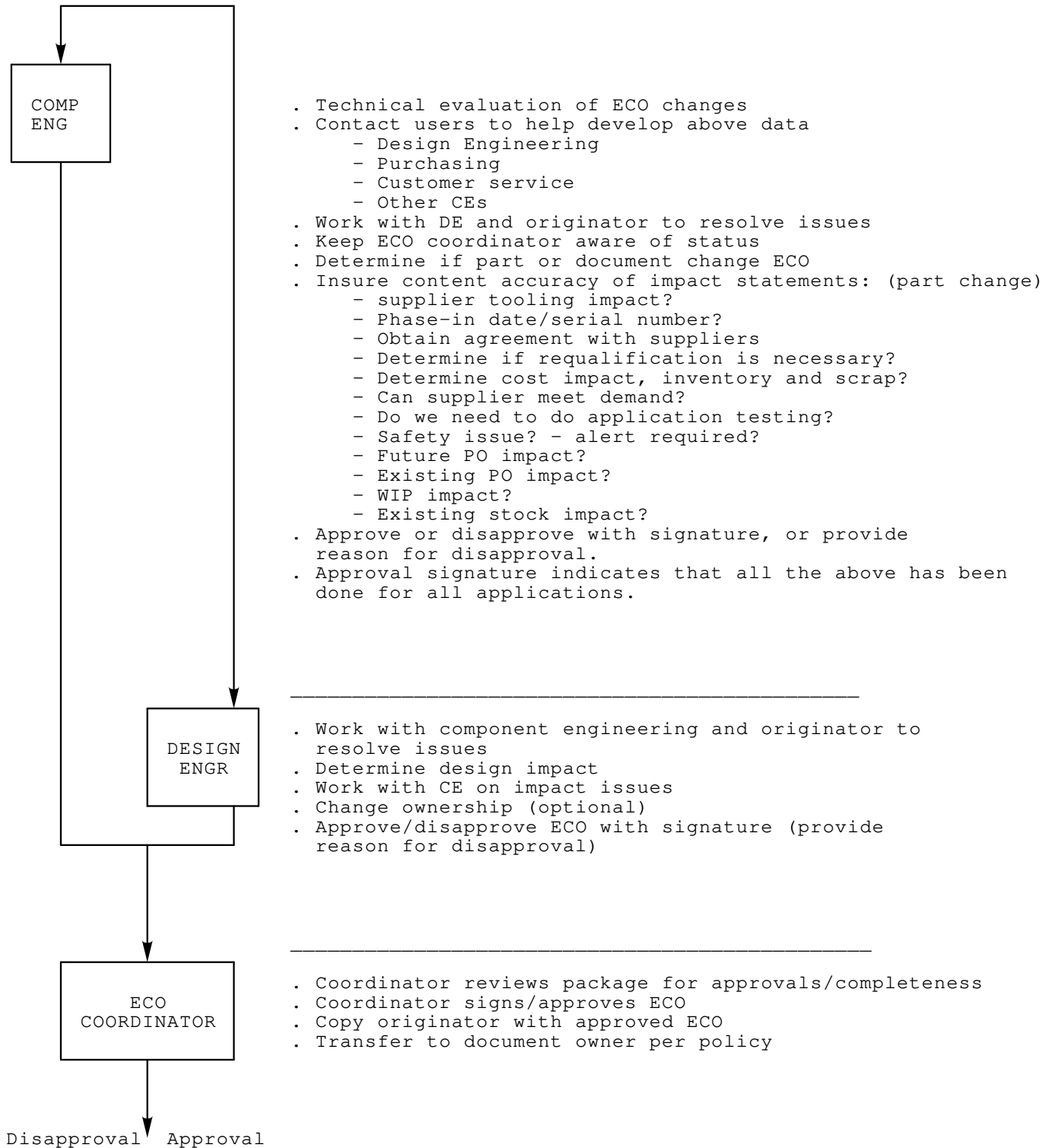
- . Charge number/cost center
- . Reason for ECO request
- . Used-on (optional)
- . Supporting data
- . Problem definition
- . Manufacturing contacts and others if needed (part changes only).



ECO
COORDINATOR

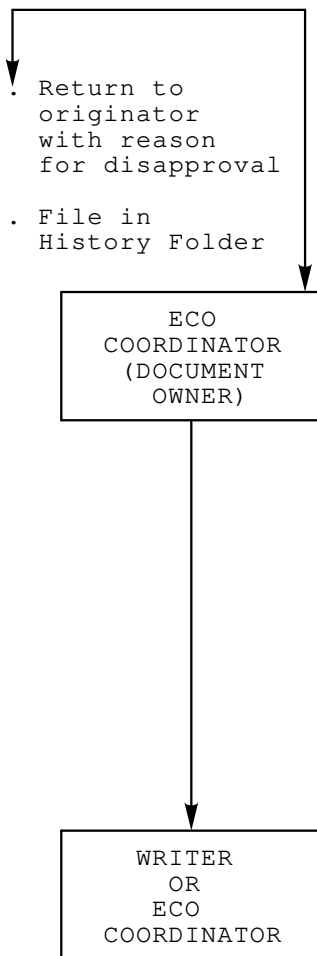
-
- . Determine group ownership (document)
 - . Determine ownership of ECO
 - . Check SPOC/APPIX for variations/revisions
 - . Log-in ECO/Verify charge number and cost center
 - . Generate ECO to standard format
 - . Maintain tracking system
 - . Review problem/solution
 - . Check for duplicate ECOs (outstanding)
 - . Assign ECO number
 - . Pull copy of latest specification
 - . Review specification for additional changes
 - . Recommend document or part change ECO
 - . Mark up copy of specification (optional)
 - . Obtain supplier data (optional)
 - . Identify if standardized specification
 - . Obtain/Request break-in effectivity data
 - Existing POs
 - Future POs
 - WIP
 - Existing stock
 - Cost Impact Sheet
 - . Note: Funding Cost Center Manager shall approve Cost Impact Sheet
 - . Obtain used-on from APPIX
 - . Obtain approval signatures
 - . Maintain history file
 - . Work with other group ECO coordinators to resolve cross product ECO issues.
-

ECO PROCESS (continued)



ECO PROCESS (continued)

Disapproval Approval



-
- . Log-in/verify completeness
 - . Local CE approvals and or engineering review board (ERB) approval (optional)
 - . Writer review - 24-hour response (optional)
Work with CE/DE/Originator/ECO Coordinator to resolve issues
 - . Coordinator signs/approves ECO
 - . Add to weekly PSEN - preliminary
 - . Work HOLD issues from PSEN response
 - . First issue on next week's PSEN
(Copy everyone involved with ECO - optional)
 - . Send to microfilm and QVL suppliers
Block out for supplier copy:
 - nodes - charge numbers
 - DTNs - project references
 - used-on
 - . For add variation ONLY ECOs, do preliminary and first issue together.
-

- . Retrieve specification from SPOC
- . Update specification per ECO (text/graphics)
- . Obtain final approval signature(s)
- . Resolve issues
- . Perform final check

RELEASE PROCESS

- . Final issue date on ECO equals the approval date
- . Update Page 1 of specification and ECO face sheet with approval date
- . Add to final issue PSEN
- . Download complete text and graphics to SPOC
- . Send to Microfilm
Central → Microfiche → Document Control
- . Send specification to QVL suppliers - VNP
- . Send copy to appropriate:
 - Originator
 - Component Engineer (optional)
 - Design Engineer (optional)
 - Purchasing (optional)
 - Customer Services (optional)
 - Manufacturing (optional)
 - Other Coordinator (optional)
 - Writer (optional)
- . File folder/close log

APPENDIX B ECO FORM

EEEEEEE CCCCCC 000000 E C O O EEEE C O O E C O O EEEEEEE CCCCCC 000000	ECO NO: XXXXXXXX-XXXXX <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%; text-align: center;">d</td> <td style="width: 12.5%; text-align: center;">i</td> <td style="width: 12.5%; text-align: center;">g</td> <td style="width: 12.5%; text-align: center;">i</td> <td style="width: 12.5%; text-align: center;">t</td> <td style="width: 12.5%; text-align: center;">a</td> <td style="width: 12.5%; text-align: center;">l</td> </tr> </table> ENGINEERING CHANGE ORDER	d	i	g	i	t	a	l
d	i	g	i	t	a	l		

TM

Originator (Name)	Originator (Name)	Sheet: 1 of N
(Node)	(Node)	Prelim Issue: NN-XXX-NN
(DTN)	(DTN)	First Issue: NN-XXX-NN
(Location)	(Location)	Final Issue: NN-XXX-NN
(Cost Center)	(Cost Center)	

Unit(s) to be changed:	
Prod. Families Affected:	
ECO Type Code:	Category:
FS Affected:	FCO Req.:
Where Used:	LOW Code:
	EMC Req.:

PROBLEM:

SYMPTOM:

CORRECTION:

BREAK-IN/
EFFECTIVITY:

QUICK CHECK:

TEST:

APPROVAL NAMES	CC & MAILSTOP	DTN	DATE
Design Engr: (Name)			
(Node)			
Manufacturing: (Name)			
(Node)			
Customer Serv: (Name)			
(Node)			
Coordinator: (Name)			
(Node)			
Component Engineering: (Name)			
(Node)			
Other: (Name)			
(Node)			

Discrete Project No.

Work Order

APPENDIX C ECO FORM CONTINUATION

			ECO NO. XXXXXXXX-XXXXX						
EEEEEE	CCCCC	OOOOOO	d	i	g	i	t	a	l
E	C	O O							
EEEE	C	O O							
E	C	O O							
EEEEEE	CCCCC	OOOOOO	ENGINEERING CHANGE ORDER						
CONTINUATION SHEET			Sheet: 2 of N						

TM

PART	OLD	NEW		
NUMBER &	PART	PART	DOCUMENT	OLD NEW
VARIATIONS	REV	REV	NUMBER	DOC DOC
				REV REV

TITLE:

Description:

APPENDIX D PSEN FORMAT

ECO: 0000 DOC NO: A-PS-XX DOC REV: TO
TITLE:
TYPE ECO: (Document Change only)
PART CHG: (No effect to part)
ORIGINATOR. EXT: NODE:
SECOND ORIG.: EXT: NODE: (Optional)
COMP. ENG.: EXT: NODE:
RESPON. ENG.: EXT: NODE:
PROBLEM:
CORRECTION:
EFFECT:
CHANGE:
USED ON:

APPENDIX E DOCUMENT CHANGE VERSUS PART CHANGE

The ECO is classified as a document change when:

- New part variations (for example, -02) are being added to an existing released specification.
- The document is being rewritten to current standard format (for example, restructuring for readability, putting into electronic media).
- There are obvious cosmetic typographical error (changes not affecting requirements, for example, dimensions, marking) that need correction.
- A document is being changed to a reference (pointer) specification for the purpose of transferring all requirements to another document: for example, a newly created General Specification (GS).

An ECO is classified as a part change when:

- The specification of the form, fit and/or function, of the item(s) is changing: that is, any dimensional or tolerance change.
- The addition or deletion of requirements that affect form, fit and/or function: that is, marking, testing, and so on.
- A part number is being inactivated, with or without a replacement part designated.
- The change(s) being made are of a borderline nature: that is, the change(s) could be construed as document change by some and part change(s) by others.
- There is any combination of document changes and part changes.

APPENDIX F REFERENCED DOCUMENTS

F.1 EL-Class Digital Documents

EL-Class Number	Document Title
EL-00012-00	<i>DEC STD 012-0 Part Identification Standard</i>
EL-00033-00	<i>DEC STD 033-0 Microfilm Aperture Cards - Creation and Distribution Process</i>
EL-00055-00	<i>DEC STD 055-0 Requirements for Purchase Specifications</i>
EL-00060-00	<i>DEC STD 060-0 Design of Hardware Products to National and International Regulations and Standards, Policies and Procedures</i>
EL-00100-00	<i>DEC STD 100-0 Policy and Requirements for the Product Change Process</i>
EL-00156-00	<i>DEC STD 156-0 Introducing New Purchased Parts and Maintaining Purchased Parts Information: Standard Procedures</i>

Use VTX SMC to order copies of EL-class documents from Standards and Methods Control. Send distribution questions to JOKUR::SMC or call DTN: 234-4423.

F.2 Other Digital Documents

Document Number	Document Title
	<i>APPIX User's Manual</i>
	<i>World Wide Monthly Stock Status</i>
	<i>Option/Module List</i>
	<i>SPOC User's Manual</i>
	<i>VAX Notes Computer Conferencing</i>

F.3 Ordering Information

Following are the sources for documents not available from Standards and Methods Control.

Copies of the APPIX User's Manual can be obtained from:

- Technical Information Services (TSG)
TIS::CUSTSERV, UPO1-2
DTN 296-4200

Copies of the World Wide Monthly Stock Status can be obtained from:

- Field Manufacturing Center (DFC)
Cliff Fuller, DTN 229-7816
BXC1-3/H10

For information on the Option/Module List, contact:

- Chief Engineer's Office
DTN 223-2886 or 223-6493

Copies of the SPOC User's Manual can be obtained from:

- CSCS, Customer Services
TIS::SPOC, DTN 234-4954
NRO5/M2

If you are a current user on the Digital Network of VAX Notes and want to access PSEN, please add the following notebook entry:

- TRPLX::Purchase_Specification_ECO_Notification

APPENDIX G RELATED DOCUMENTS

G.1 EL-Class Digital Documents

EL-Class Number	Document Title
EL-00128-00	<i>DEC STD 128-0 Security Classifications for Engineering Intellectual Property - Policy and Regulations</i>
EL-00162-00	<i>DEC STD 162-0 Micrographics: Format and Quality Requirements for Microfilm</i>
EL-00184-00	<i>DEC STD 184-0 Programmable Integrated Circuit Documentation: Process and Requirements</i>

Use VTX SMC to order copies of EL-class documents from Standards and Methods Control. Send distribution questions to JOKUR::SMC or call DTN: 234-4423.

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